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Product Specifications

Catalogue Number 02872

Product **D-Cystine**

(H-D-Cys-OH)₂

(S,S)-3,3'-Dithio-bis(2-aminopropionic acid)

CAS Number 349-46-2

Molecular Formula C₆H₁₂N₂O₄S₂

Molecular Weight 240.3

Appearance White crystals

Solubility Clear colorless solution

Heavy Metals ≤ 20 ppm (as Pb)

Anion Chloride : ≤ 0.021%

Sulfate : ≤ 0.028%

Cation Iron : ≤ 30 ppm
Ammonium : ≤ 0.02%

Arsenic : ≤ 1 ppm

Optical Rotation [α]_D²⁰ = 220 ± 2 ° (C=1 in 1N HCl)

Loss on Drying ≤ 0.1%

Other Amino Acids ≤ 0.1%

Residue On Ignition ≤ 0.1%

Assay ≥ 99%

Storage Store at RT

For Laboratory Use Only